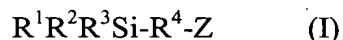


Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (Currently Amended) A rubber mixture comprising solution polymerized styrene-butadiene copolymer ~~styrene/butadiene copolymers~~ and organosilanes of the general structure:

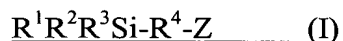


wherein R^1 = ethoxy, $R^2 = R^3$ = methyl, R^4 is a linear or branched (C_3 - C_{18}) divalent hydrocarbon group; and $Z = H$, ~~halogen~~, SCN, SH or $S_x-R^4-SiR^1R^2R^3$, where x is 2 to 10.

2. (Canceled)

3. (Original) Rubber mixtures according to Claim 1, comprising the organosilanes in an amount of 0.1 to 15 wt.%, based on the amount of rubber used.

4. (Currently amended) ~~Rubber mixtures according to Claim 1~~ A rubber mixture comprising solution polymerized styrene-butadiene copolymer, and organosilanes of the general structure:



wherein

R^1 = ethoxy, $R^2 = R^3$ = methyl, R^4 is a linear or branched (C_3 - C_{18}) divalent hydrocarbon group; and $Z = H$, SCN, SH or $S_x-R^4-SiR^1R^2R^3$, where x is 2 to 10, and which comprises a mixture of organosilanepoly-sulfane and organoalkylsilane .

5. (Previously presented) Rubber mixtures according to Claim 4, wherein the organosilanepolysulfane is a silane in which:

R^1 = ethoxy, $R^2 = R^3$ = methyl, R^4 = propylene or isobutylene and $Z = S_x-R^4-SiR^1R^2R^3$, where x has a statistical mean value of 2 to 4.

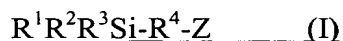
6. (Canceled)

7. (Previously presented) Rubber mixtures according to Claim 1, comprising a silicic acid as filler and an organosilanepolysulfane selected from the group consisting of bis(3-{dimethylethoxysilyl}propyl)tetrasulfane and bis(3-{dimethylethoxysilyl}propyl)-disulfane.

8. (Currently Amended) ~~Rubber mixtures according to Claim 1,~~ A rubber mixture comprising solution polymerized styrene-butadiene copolymer and a silicic acid as filler and an organosilanepolysulfane selected from the group consisting of bis(3-{dimethylethoxysilyl}propyl)tetrasulfane and bis(3-{dimethylethoxysilyl}propyl)-disulfane, and an alkylsilane other than said organosilanepolysulfane.

9. (Previously Presented) Process for the preparation of rubber mixture comprising at least one filler in addition to the rubber, said process comprising adding an organosilane polysulfane according to claim 1 in said rubber mixture.

10. (Currently amended) Process for the preparation of rubber mixtures which contain at least one filler in addition to the rubber, comprising adding an organosilanepolysulfane ~~according to Claim 1~~ of the general structure



wherein

R^1 = ethoxy, $R^2 = R^3$ = methyl, R^4 is a linear or branched (C_3 - C_{18}) divalent hydrocarbon group; and $Z = S_x-R^4-SiR^1R^2R^3$, where x is 2 to 10,

and an organoalkylsilane.

11. (Original) A molding obtained from a rubber mixture according to Claim 1.

12. (Previously Presented) A pneumatic tire comprising the molding according to claim 11.

13. (Previously Presented) A tire tread comprising the molding according to claim 11.
14. (Currently amended) A method for using rubber mixtures according to Claim 1 for the production of moldings, comprising adding the said rubber mixture ~~of Claim 1~~ to a molding composition, and molding the molding composition in a mold for tires or tire treads.
15. (Previously presented) A rubber mixture comprising solution styrene/butadiene copolymers and an organosilane of formula (I):
- $$\text{R}^1\text{R}^2\text{R}^3\text{Si}-\text{R}^4-\text{Z} \quad (\text{I})$$
- wherein R^1 = ethoxy, $\text{R}^2 = \text{R}^3$ = methyl, R^4 is a linear or branched ($\text{C}_3\text{-C}_{18}$) divalent hydrocarbon group; and $\text{Z} = \text{H}$, halogen, SCN, SH or $\text{S}_x\text{-R}^4\text{-SiR}^1\text{R}^2\text{R}^3$, where x is 2 to 10; and
- wherein the organosilane is mixed with the rubber in unsupported form or supported on a carrier selected from the group consisting of silicic acids, natural silicates, synthetic silicates, aluminum oxide, and carbon black.
16. (Previously Presented) Rubber mixture according to claim 15, wherein the organosilane is
- bis(3-{dimethylethoxysilyl}propyl)tetrasulfane or bis(3-{dimethylethoxysilyl}propyl)-disulfane.
17. (Previously Presented) Rubber mixture according to claim 16, further comprising an alkylsilane other than said organosilane.
18. (Previously Presented) A molding obtained from the rubber mixture of claim 15.
19. (Previously Presented) A pneumatic tire comprising a molding according to claim 18.
20. (Previously Presented) A tire tread comprising a molding according to claim 18.
21. (Canceled)
22. (Canceled)